

# **COVID-19 Cases Among Children and Youth in Washington**

**Washington State Department of Health**

**February 22, 2023**

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# COVID-19 Cases Among Children and Youth in Washington

**February 22, 2023**

The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

**Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.**

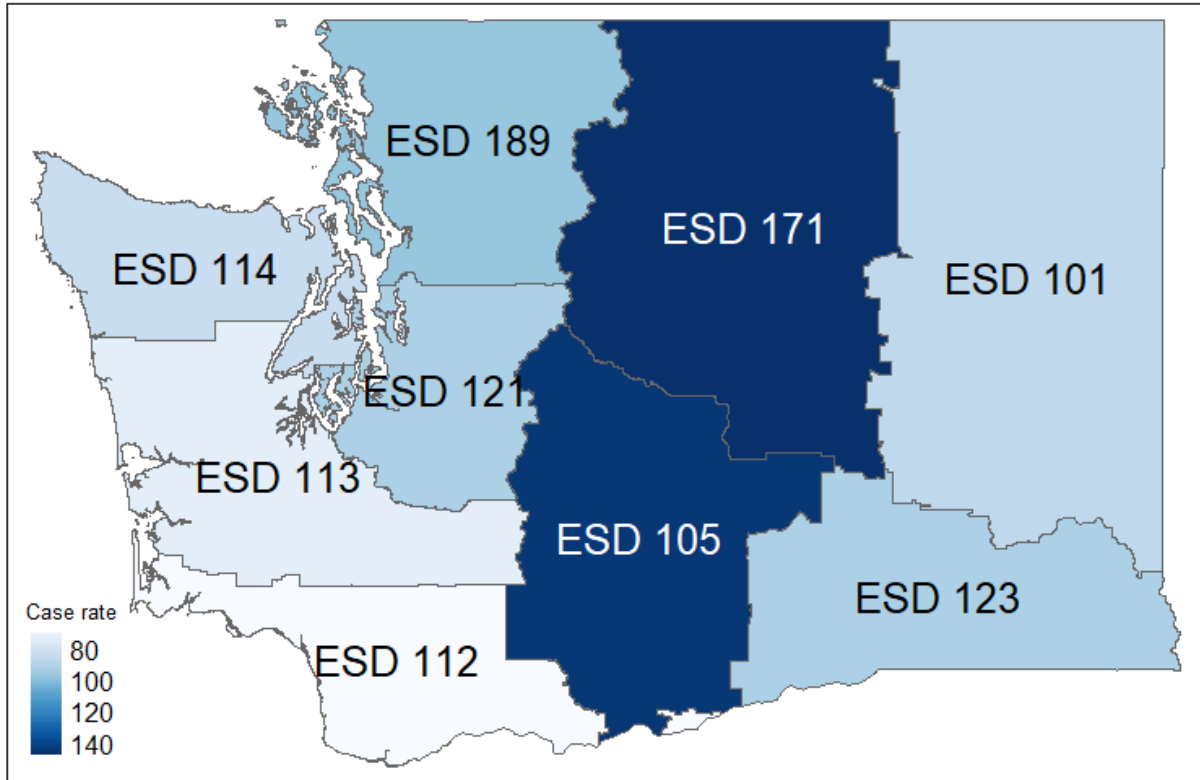
## Key findings

- Among children and youth in Washington state from January 28, 2023 to February 11, 2023:
  - there were 1,759 cases (93.3 cases per 100,000 population)
  - case rates are decreasing
  - the highest case rates were in ESD 171 Washington
  - 0-3 year-olds had the highest case rates (133 cases per 100,000 population)
  - there were 31 hospitalizations (1.6 hospitalizations per 100,000 population)
  - hospitalization rates are increasing
- There have been a total of 12 deaths in all children and youth in Washington state reported January 1, 2021 to Feb 11, 2023

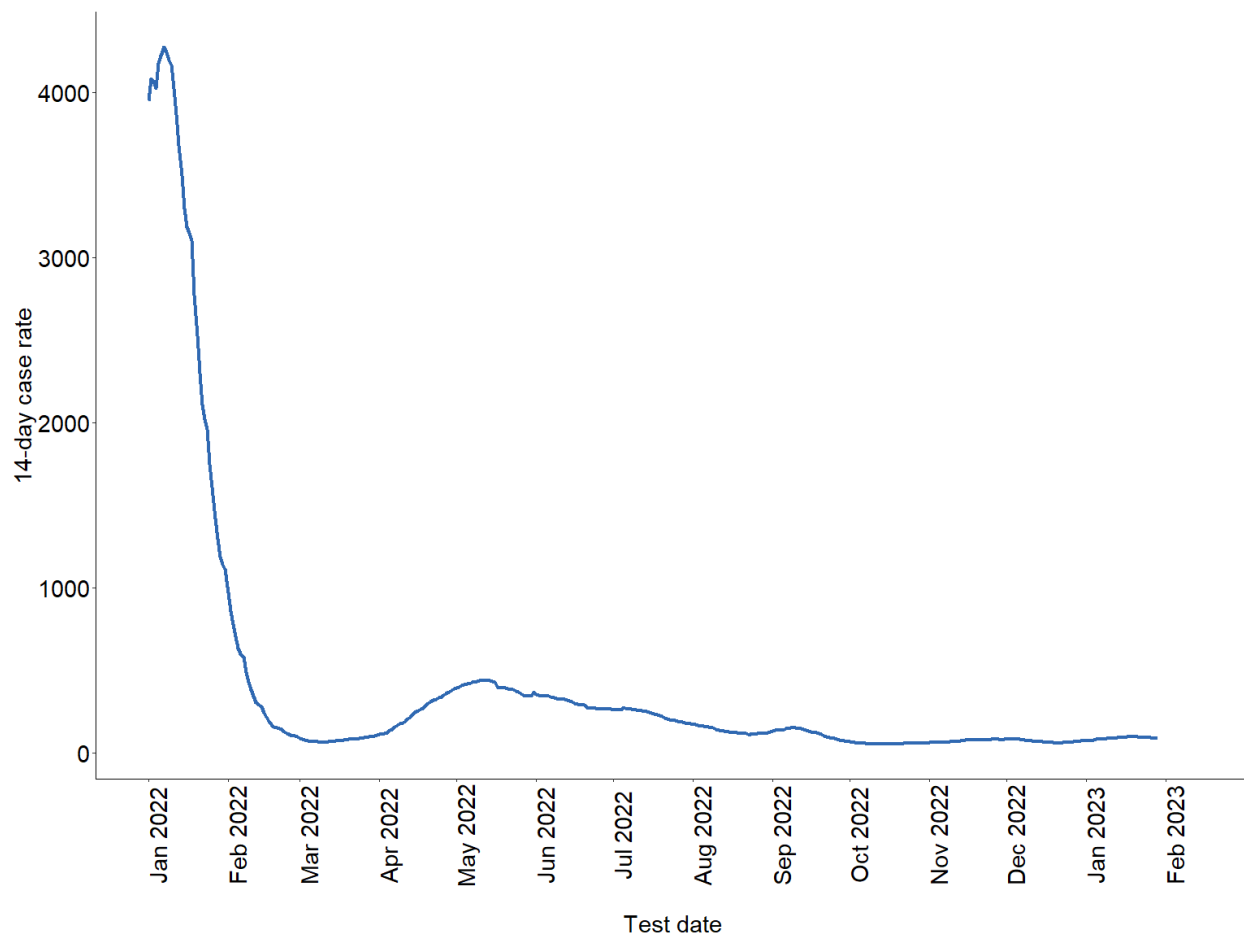
**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, January 28, 2023 - February 11, 2023**

ESD	Population	Case count	Case rate
ESD 101	168,583	147	87.2
ESD 105	105,235	152	144.4
ESD 112	162,085	104	64.2
ESD 113	119,629	87	72.7
ESD 114	78,966	66	83.6
ESD 121	769,804	708	92.0
ESD 123	120,595	111	92.0
ESD 171	67,904	100	147.3
ESD 189	292,760	284	97.0
<b>State total</b>	<b>1,885,561</b>	<b>1,759</b>	<b>93.3</b>

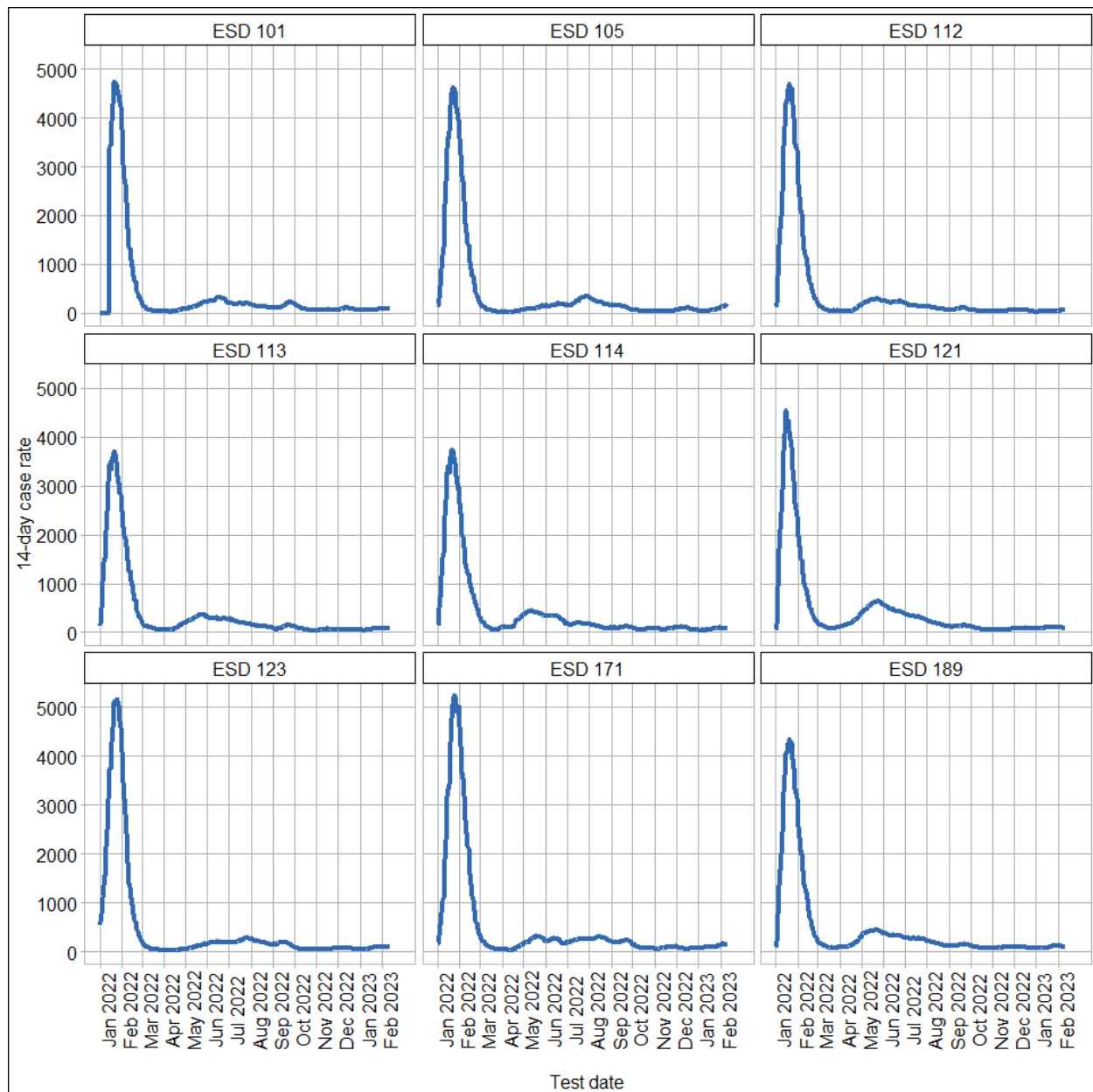
**COVID-19 case rate per 100,000 population in all children and youth by ESD region, January 28, 2023 to February 11, 2023**



**14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Feb 11, 2023**



# **14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2021 to Feb 11, 2023**

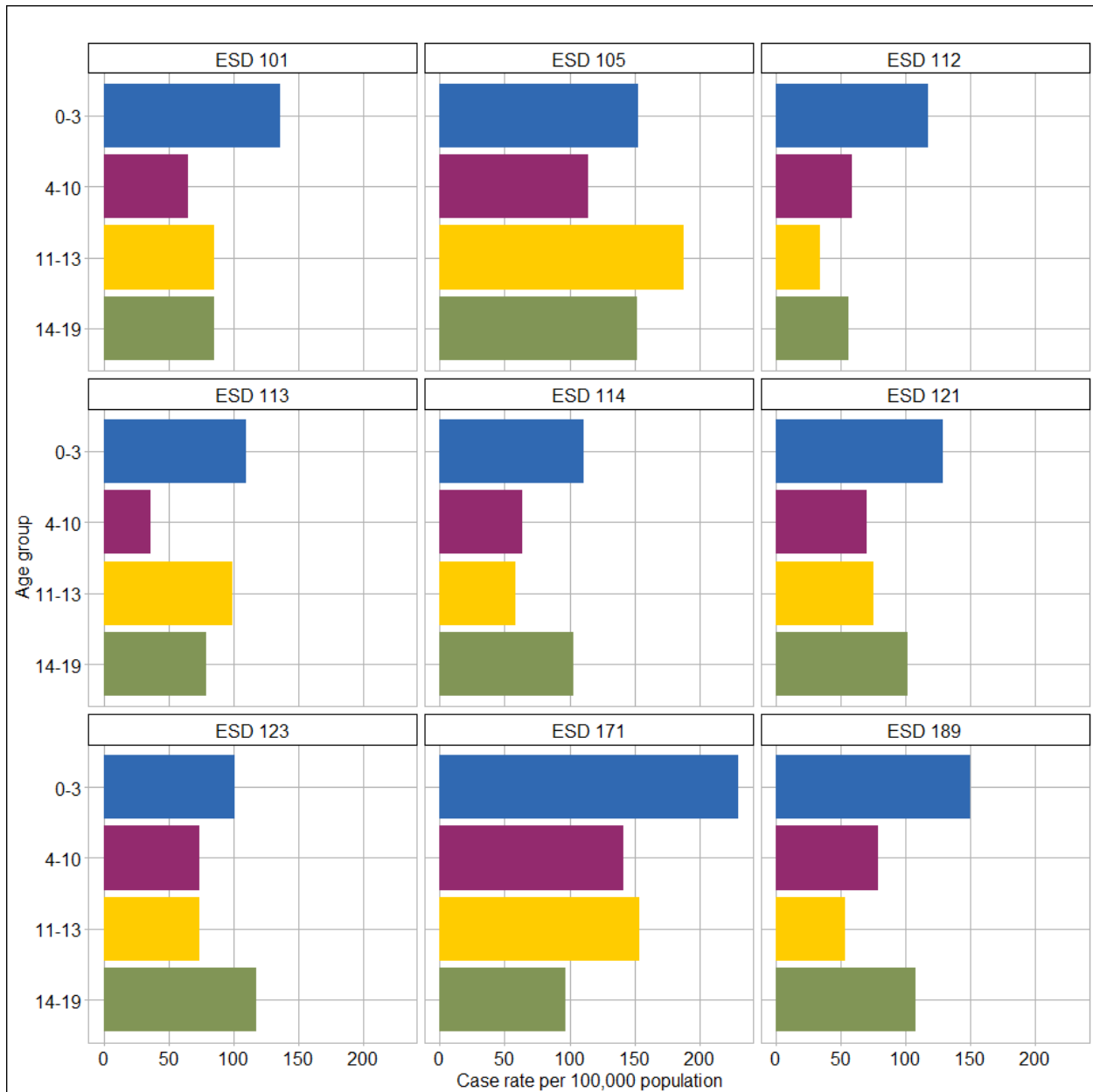


**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, January 28, 2023 - February 11, 2023**

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	40	135.8	36	64.8	21	85.1	50	84.9
ESD 105	30	152.8	43	114.5	31	188.3	48	152.0
ESD 112	34	116.7	34	58.8	9	33.8	27	55.6
ESD 113	24	109.6	15	35.7	19	99.0	29	79.5
ESD 114	18	111.3	18	63.6	7	57.9	23	102.6
ESD 121	198	129.3	194	70.4	87	74.5	229	102.1
ESD 123	23	101.4	32	74.0	14	73.5	42	117.8
ESD 171	29	229.5	35	141.9	17	153.7	19	97.2
ESD 189	84	149.7	82	79.0	24	52.5	94	107.8
<b>State total</b>	<b>480</b>	<b>133.0</b>	<b>489</b>	<b>73.1</b>	<b>229</b>	<b>78.5</b>	<b>561</b>	<b>99.4</b>



**COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, January 28, 2023 - February 11, 2023**



**COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, January 28, 2023 - February 11, 2023**

Population	Hospitalization count	Hospitalization rate
1,885,561	31	1.6

**14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Feb 11, 2023**



## Methods

### Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, January 28, 2023 - February 11, 2023.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

**Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.**

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between January 28, 2023 - February 11, 2023. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

### 14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.